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foreign agriculture circular

U. S. Department of Agriculture
Foreign Agricultural Service
Economics and Statistics
Service

World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-11-80

November 10, 1980

FOREIGN GRAIN PRODUCTION ESTIMATES LOWERED

Region	1978/79	1979/80 est.	1980/81 proj. Oct.	Nov.
<u>Total grains (Million metric tons)</u> 1/				
World	1,579.4	1,520.6	1545	1521
United States	273.0	298.8	264	264
Rest of world	1,306.4	1,221.8	1281	1257
<u>Oilseeds (Million metric tons)</u>				
World	155.6	175.1	161.7	161.2
United States	58.4	72.2	55.1	55.3
Rest of world	97.2	102.8	106.6	105.9
<u>Cotton (Million bales)</u>				
World	60.1	65.6	63.5	63.7
United States	10.9	14.6	11.6	11.2
Rest of world	49.3	51.0	51.9	52.5

1/ Includes rice on a rough basis.

- * Total world grain production for 1980/81 is forecast at 1521 million tons, 1½ percent below last month's forecast and virtually the same as in 1979/80. Since last month, the crop estimate for the Soviet Union has been lowered significantly while smaller crops are also now expected in China, Eastern Europe, and the major Southern Hemisphere producing countries.
- * World wheat production in 1980/81 is forecast at 428 million tons, down 3 percent from last month's estimate, but still 2 percent above the 1979/80 crop. The estimate of the Soviet wheat harvest has been reduced 11 million tons from last month's and forecasts for Australia, Argentina, and Brazil are also down.
- * World 1980/81 coarse grain production is forecast at 705 million tons, 1½ percent below last month's estimate and 3 percent less than the 1979/80 harvest. The Soviet estimate has been lowered by 8 million tons from the previous estimate, while smaller crops are also now in prospect for China and Eastern Europe.
- * The world rice crop forecast of 388 million tons for 1980/81 is down fractionally from last month, but still record large. Estimates for China and South Korea have been lowered from a month ago.
- * The world oilseed production estimate of 161 million tons for 1980/81 is down 1 million tons from the October estimate and 14 million tons below the 1979/80 crop. Most of the decline since last month was in the Soviet Union, Argentina, and a number of African peanut-producing countries.

WORLD CROP PROJECTIONS

Projections of 1980/81 world crop production are still highly tentative. In addition to the Northern Hemisphere winter crops that have already been harvested, the projections include Northern Hemisphere spring-planted crops, such as corn, soybeans, and cotton, that are still being harvested, Southern Hemisphere winter grain crops whose harvest has just begun, and Southern Hemisphere spring crops that are now being planted.

Crop projections generally are based on surveys, historical trends in area and yield, plus analysts' judgements. The projected ranges in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 13 through 15.

Forecasts of 1980 U.S. acreage, yield, and production for crops, except sunflowers, are from the U.S. Crop Production report released today by the Crop Reporting Board of ESS.

The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country regional specialists, and the staff of the NOAA/USDA Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economics and Statistics Service (ESS), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors include:

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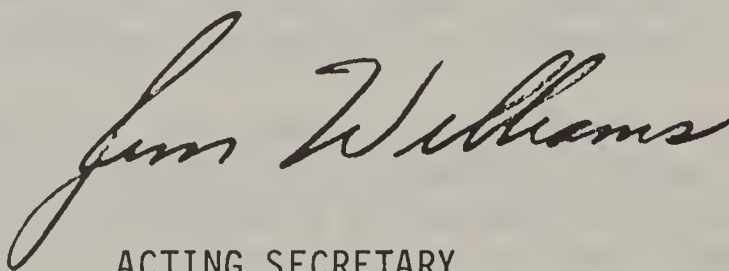
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A P P R O V E D :



ACTING SECRETARY

(continued from page 1)

- * U.S. production of all oilseeds in 1980/81 is estimated at 55 million tons and little changed from the October estimate. The U.S. peanut crop dropped 8 percent from the previous month's estimate.
- * Production of oilseeds in the rest of the world was revised down from the October estimate by 700,000 tons. Declines occurred for Soviet sunflowerseed and cottonseed, for Argentine soybeans, and for peanuts in a number of African countries. The declines were partially offset by increases in West European rapeseed output and improved cottonseed crops in India and China.
- * The 1980/81 world cotton crop is estimated at 63.7 million bales, slightly above last month's forecast as larger foreign production more than offsets a 3-percent decline in U.S. prospects. U.S. production of 11.2 million bales is down 0.4 million from month-earlier indications, reflecting the lowest yield in 23 years. Foreign crop prospects are up 0.6 million bales, primarily reflecting increased production in the Soviet Union, China, and Turkey. The Soviet crop is placed at a record 13.8 million bales, up 2 percent from last month and 5 percent above the 1979 level. Chinese production prospects, now estimated at 10.5 million bales, also improved slightly during October.

WEATHER HIGHLIGHTS THROUGH NOVEMBER 10

USSR--October weather was favorable for harvesting in some parts of European USSR, but persistent wet conditions in most of the region prevented much progress. Poor harvest conditions continued in early November with wetter and colder-than-normal weather that included early snow over much of the Ukraine.

EUROPE--Wet weather in October slowed spring crop harvesting; snow and much colder conditions in early November have further worsened conditions.

CHINA--Crop conditions improved greatly in October. Drier weather in the South favored late rice harvesting, while above-normal precipitation in the winter wheat belt gave the newly sown crop a real boost.

INDIA--Most cotton and groundnut areas remained drier than normal in October; near-normal rains in a small area of Gujarat have not caused problems for the groundnut harvest. Early October showers created generally favorable conditions for newly sown winter grains, and light rains at the beginning of November have probably sustained good growth.

AUSTRALIA--Above-normal October rainfall in Queensland was too late for the wheat crop but did benefit spring-planted sorghum and corn. Elsewhere, below-normal rainfall in New South Wales continued to reduce crop prospects in that State, but southern wheat areas of Victoria and South Australia received sufficient rainfall to sustain crop development. In western Australia, rainfall was too little and probably too late to benefit the wheat crop significantly.

BRAZIL--Abundant moisture in October has provided a good start for soybeans and corn. Soil moisture is adequate in nearly all crop areas.

ARGENTINA--Rainfall in northern Buenos Aires province during October improved soil moisture conditions for corn planting that had been delayed by dry weather in September. The southern wheat area received some rain to reduce stress conditions for winter wheat, whose harvest is underway and will continue for about 6 weeks.

World crop production summary 1/

	Major regions and countries									
Commodity	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally Planned Asia	South Asia	Pakistan	Near East and Other Asia	Thailand
:Wheat										
1:1978/79	48.9	21.1	58.5	35.8	120.8	54.0	31.7	8.4	---	---
2:1979/80	58.3	17.2	55.6	27.6	90.1	60.5	35.0	9.9	---	---
:1980/81										
3: Oct. proj.	64.3	18.6	61.8	34.9	101.0	55.0	30.5	10.8	---	---
4: Nov. proj.	64.3	18.6	61.8	34.8	90.0	55.0	30.5	10.8	---	---
:Coarse grains										
5:1978/79	218.1	20.3	94.0	60.4	105.3	76.5	30.6	---	---	3.3
6:1979/80	234.5	18.6	90.6	63.4	80.0	77.5	27.1	---	---	3.6
:1980/81										
7: Oct. proj.	192.8	21.6	94.3	60.8	93.0	80.0	30.2	---	---	3.5
8: Nov. proj.	192.7	21.6	93.9	59.8	85.0	77.5	30.2	---	---	3.5
:Rice(rough)										
9:1978/79	6.0	---	1.6	---	2.1	137.0	80.8	4.9	25.8	17.5
10:1979/80	6.0	---	1.7	---	2.4	140.5	65.3	4.8	26.3	15.8
:1980/81										
11: Oct. proj.	6.5	---	1.7	---	2.6	139.0	78.8	4.8	28.7	17.2
12: Nov. proj.	6.6	---	1.6	---	2.4	138.0	78.8	4.8	28.7	17.2
:Total grains 2/										
13:1978/79	273.0	41.4	154.2	96.2	228.2	267.5	143.1	13.3	25.8	20.8
14:1979/80	298.8	35.8	147.9	91.0	172.5	278.5	127.4	14.7	26.3	19.4
:1980/81										
15: Oct. proj.	263.6	40.2	157.8	95.7	196.6	274.0	139.5	15.6	28.7	20.7
16: Nov. proj.	263.6	40.2	157.3	94.6	177.4	270.5	139.5	15.6	28.7	20.7
:Oilseeds 3/										
17:1978/79	58.4	4.1	2.6	3.8	10.8	17.2	11.2	1.2	---	---
18:1979/80	72.2	4.3	2.6	3.6	10.4	18.3	10.5	1.7	---	---
:1980/81										
19: Oct. proj.	55.1	3.2	3.4	3.8	11.2	19.2	11.2	1.7	---	---
20: Nov. proj.	55.3	3.2	3.6	3.8	10.7	19.3	11.9	1.7	---	---
:Cotton										
21:1978/79	10.9	---	---	---	12.3	9.9	6.3	2.1	---	---
22:1979/80	14.6	---	---	---	13.1	10.1	6.1	3.4	---	---
:1980/81										
23: Oct. proj.	11.6	---	---	---	13.5	10.3	6.2	3.4	---	---
24: Nov. proj.	11.2	---	---	---	13.8	10.5	6.3	3.4	---	---

1/ 1979/80 estimates are preliminary. The 1980/81 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States. 2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 185 million tons in special circular FG-30-80 (11-10-80) includes around 10 million tons of rice, minor grains, and pulses.

World crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	:Total for	:	:	: World	:	:
: and	: and	:	: Oceania	: major	:	: Other	: less	:	:
: Africa	: Caribbean	:	:	: regions	:	: coun-	: United	:	: World
:South	:Argen-	:	:	: and	:	: tries	: States	:	:
:Africa	:Turkey	:	: tina	: Brazil	:Australia	: countries	:	:	:
---Million metric tons---									
1.7	13.3	8.1	2.7	18.1	423.2	24.7	398.9	447.9	: 1
2.1	13.0	8.1	2.9	16.1	396.4	23.4	361.5	419.8	: 2
1.5	13.8	8.4	2.8	11.0	414.4	25.7	375.8	440.1	: 3
1.5	13.8	8.0	2.3	10.6	402.1	26.0	363.8	428.1	: 4
8.8	7.3	17.2	16.6	7.1	665.6	81.6	529.1	747.2	: 5
11.3	7.6	10.7	20.1	6.3	651.3	75.9	492.6	727.1	: 6
10.2	7.6	17.1	20.5	5.3	636.9	78.7	522.8	715.6	: 7
10.1	7.6	17.1	20.5	5.3	624.9	80.4	512.7	705.4	: 8
---	---	.3	7.6	.7	284.3	100.0	378.3	384.3	: 9
---	---	.3	9.7	.6	273.4	100.3	367.7	373.7	:10
---	---	.3	10.0	.7	290.3	98.9	382.7	389.2	:11
---	---	.3	10.0	.7	289.1	98.5	381.0	387.6	:12
10.5	20.6	25.6	26.9	25.9	1373.1	206.3	1306.4	1579.4	:13
13.4	20.6	19.1	32.7	23.0	1321.1	199.5	1221.8	1520.6	:14
11.7	21.4	25.8	33.3	17.0	1341.5	203.3	1281.2	1544.8	:15
11.6	21.4	25.4	32.8	16.6	1316.1	204.9	1257.5	1521.1	:16
---	---	6.1	11.6	---	127.1	16.5	97.2	155.6	:17
---	---	5.5	16.4	---	145.6	16.8	102.8	175.1	:18
---	---	6.3	16.6	---	131.8	17.3	106.6	161.7	:19
---	---	6.0	16.5	---	131.7	16.9	105.9	161.2	:20
---Million 480-pound bales---									
---	2.2	.8	2.7	---	47.1	13.0	49.3	60.1	:21
---	2.2	.7	2.6	---	52.9	12.7	51.0	65.6	:22
---	2.1	.8	2.7	---	50.5	13.0	51.9	63.5	:23
---	2.2	.8	2.7	---	50.8	12.9	52.5	63.7	:24

3 Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesameseed, safflowerseed, flaxseed, castorbeans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production					
	: 1978/79	: 1980/81	: 1978/79	: 1980/81	: 1978/79	: 1980/81				
	: 1979/80 : proj.	: 1979/80 : proj.	: 1979/80 : proj.	: 1979/80 : proj.	: 1979/80 : Oct.	: 1979/80 : Nov.				
	-----Million hectares-----		Metric tons per hectare		-----Million metric tons-----					
United States	42.7	41.4	40.6	5.11	5.67	4.75	218.1	234.5	192.8	192.7
Canada	7.8	7.1	8.0	2.60	2.63	2.71	20.3	18.6	21.6	21.6
Western Europe	25.3	25.3	24.8	3.72	3.59	3.78	94.0	90.6	94.3	93.9
Eastern Europe	19.2	19.9	19.2	3.15	3.18	3.12	60.4	63.4	60.8	59.8
USSR	58.0	61.2	57.5	1.82	1.31	1.48	105.3	80.0	93.0	85.0
Centrally Planned Asia										
PRC	38.5	38.7	38.5	1.99	2.00	2.01	76.5	77.5	80.0	77.5
South Asia										
India	42.3	41.3	41.9	.72	.66	.72	30.6	27.1	30.2	30.2
Near East and Other Asia										
Thailand	1.7	1.7	1.8	1.91	2.05	2.01	3.3	3.6	3.5	3.5
Middle East and Africa										
South Africa	5.3	5.4	5.5	1.66	2.08	1.84	8.8	11.3	10.2	10.1
Turkey	4.1	4.1	4.2	1.79	1.82	1.82	7.3	7.6	7.6	7.6
Latin America & Caribbean										
Argentina	6.4	4.8	6.2	2.71	2.22	2.75	17.2	10.7	17.1	17.1
Brazil	11.6	12.2	12.8	1.44	1.66	1.60	16.6	20.1	20.5	20.5
Oceania										
Australia	4.7	4.5	4.9	1.51	1.38	1.08	7.1	6.3	5.3	5.3
Total above	267.5	267.6	265.8	2.49	2.43	2.35	665.6	651.3	636.8	624.9
Other countries & regions										
	79.5	76.9	78.2	1.03	.99	1.03	81.6	75.9	78.7	80.4
World	347.0	344.5	344.0	2.15	2.11	2.05	747.2	727.1	715.6	705.4
World less United States	304.2	303.2	303.4	1.74	1.62	1.69	529.1	492.6	522.8	512.7
Major foreign ex- porters 2/	25.9	23.5	26.3	2.19	2.14	2.19	56.8	50.4	57.6	57.5

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Rice area, yield, and production (rough basis): World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	:	:	:	:	:	:
	:1978/79	:1979/80	:1978/79	:1979/80	:1978/79	:1979/80
	:1978/79 :1979/80 : proj.		:1978/79 :1979/80 : proj.		:1978/79 :1979/80 : Oct. : Nov.	
	: ----Million hectares----		Metric tons per hectare		-----Million metric tons-----	
United States	1.2	1.2	1.4	5.03	4.90	6.0
Western Europe	.3	.3	.3	5.03	5.33	1.7
USSR	.6	.6	.6	3.62	3.70	2.4
Centrally Planned Asia						
PRC	36.0	35.2	34.8	3.81	3.97	140.5
South Asia						
Bangladesh	10.0	10.3	10.5	1.85	1.89	18.5
Burma	5.3	4.8	5.1	2.00	1.90	9.6
India	40.2	38.0	40.0	2.01	1.97	65.3
Pakistan	2.0	2.0	2.0	2.42	2.40	4.8
Near East and Other Asia						
Indonesia	8.9	8.8	9.3	2.89	3.08	26.3
Japan	2.5	2.5	2.4	6.18	5.08	14.9
South Korea	1.2	1.2	1.2	5.98	4.40	7.7
Thailand	8.6	8.6	8.6	2.03	2.01	15.8
Latin America & Caribbean						
Argentina	.1	.1	.1	3.06	3.03	.3
Brazil	5.4	6.4	6.7	1.41	1.49	9.7
Oceania						
Australia	.1	.1	.1	6.35	6.08	.6
Total above	122.5	120.2	123.1	2.75	2.73	324.2
Other countries & regions	20.9	21.5	21.9	2.30	2.34	49.5
World	143.4	141.7	145.0	2.68	2.67	373.7
World less United States	142.2	140.5	143.6	2.66	2.65	367.7
Major foreign ex- porters 2/	16.0	15.6	15.8	2.10	2.05	30.9

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production			
	:	:	:	:	:	:	:	:	:	
	:1978/79	:1979/80	: proj. :1980/81	:1978/79	:1979/80	: proj. :1980/81	:1978/79	:1979/80	: Oct. : Nov.	
:	-----	Million hectares-----	Metric tons per hectare			-----Million metric tons-----				
United States	: 25.63	28.54	27.08	1.99	2.16	1.78	50.90	61.71	47.82	48.30
Canada	: .28	.28	.28	1.81	2.38	2.32	.52	.67	.66	.66
Eastern Europe	: .36	.46	.51	1.26	1.40	1.14	.46	.64	.62	.58
USSR	: .82	.84	.88	.78	.56	.62	.64	.47	.44	.54
Centrally Planned Asia	:	:	:	:	:	:	:	:	:	:
PRC	: 7.30	7.30	7.40	1.14	1.14	1.18	8.30	8.30	8.70	8.70
South Asia	:	:	:	:	:	:	:	:	:	:
India	: .18	.24	.26	.83	.83	1.77	.15	.20	.22	.47
Latin America & Caribbean	:	:	:	:	:	:	:	:	:	:
Argentina	: 1.60	1.75	2.00	2.31	1.94	1.95	3.70	3.40	4.20	3.90
Brazil	: 8.04	8.50	8.92	1.27	1.76	1.70	10.20	15.00	15.20	15.20
Paraguay	: .36	.44	.52	1.23	1.38	1.35	.45	.60	.70	.70
Total above	: 44.58	48.34	47.86	1.69	1.88	1.65	75.31	90.99	78.57	79.05
Other countries & regions	: 2.12	2.33	2.13	1.17	1.26	1.20	2.49	2.94	2.63	2.56
World	: 46.70	50.68	49.99	1.67	1.85	1.63	77.80	93.93	81.19	81.62
World less United States	: 21.07	22.14	22.92	1.28	1.46	1.45	26.90	32.21	33.37	33.31
Major foreign ex- porters 2/	: 10.00	10.68	11.44	1.44	1.78	1.73	14.35	19.00	20.10	19.80

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

		Major regions and countries							
		:	:	:	:	:	:	Centrally:	
		:	:	:	:	:	:	Planned	South Asia
Commodity	:	United States	Canada	Western Europe	Eastern Europe	USSR	:	Asia	:
:	:	:	:	:	:	:	:	:	Paki-
:	:	:	:	:	:	:	:	PRC	India :stan
		---Million metric tons---							
:Cottonseed		:	:	:	:	:	:	:	:
1: 1978/79	:	3.87	---	.33	.04	4.80	4.33	2.80	.92
2: 1979/80	:	5.24	---	.28	.04	4.51	4.41	2.60	1.38
:	:	:	:	:	:	:	:	:	:
3: Oct. proj.	:	4.12	---	.35	.04	5.32	4.48	2.59	1.36
4: Nov. proj.	:	3.99	---	.34	.04	5.16	4.58	2.80	1.36
:	:	:	:	:	:	:	:	:	:
:Peanuts		:	:	:	:	:	:	:	:
: (In-shell)		:	:	:	:	:	:	:	:
5: 1978/79	:	1.81	---	.02	---	---	2.38	6.39	.05
6: 1979/80	:	1.80	---	.02	---	---	2.82	6.00	.06
:	:	:	:	:	:	:	:	:	:
7: Oct. proj.	:	1.13	---	.02	---	---	2.95	6.60	.06
8: Nov. proj.	:	1.04	---	.02	---	---	2.95	6.60	.06
:	:	:	:	:	:	:	:	:	:
:Sunflowerseed:		:	:	:	:	:	:	:	:
9: 1978/79	:	1.84 3/	.12	.61	1.96	5.33	.28	---	---
10: 1979/80	:	3.48 3/	.22	.74	2.27	5.41	.34	.01	---
:	:	:	:	:	:	:	:	:	:
11: Oct. proj.	:	1.99 3/	.15	.80	2.02	5.40	.70	.01	---
12: Nov. proj.	:	1.99 3/	.15	.80	2.02	5.00	.70	.01	---
:	:	:	:	:	:	:	:	:	:
:Rapeseed		:	:	:	:	:	:	:	:
13: 1978/79	:	---	3.50	1.65	1.35	.01	1.87	1.88	.24
14: 1979/80	:	---	3.41	1.57	.67	.01	2.40	1.65	.30
:	:	:	:	:	:	:	:	:	:
15: Oct. proj.	:	---	2.43	2.29	1.14	.02	2.40	1.80	.30
16: Nov. proj.	:	---	2.43	2.40	1.15	.01	2.35	2.00	.30
:	:	:	:	:	:	:	:	:	:

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 95 percent of U.S. total.

---No production reported or less than 5,000 tons.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											:	:	:	:
Middle East		Latin America		Total for:		Other		World		Major				
and		and		major		coun-		less		foreign				
Africa		Caribbean		regions		tries		World:United		ex-				
:	:	:	Argen-	:	Para-	and	and	:	States	:	porters			
:Egypt:	Senegal:	Sudan:	tina	:Brazil:	guay	countries:	regions:	:	:	:	2/			
---Million metric tons---											:			
.74	---	.24	.33	.93	.14	19.47	4.38	23.85	19.98	4.30	: 1			
.79	---	.24	.33	.90	.18	20.89	4.05	24.94	19.70	4.06	: 2			
.78	---	.26	.35	.94	.23	20.81	4.14	24.95	20.83	4.14	: 3			
.80	---	.24	.33	.90	.22	20.75	4.18	24.93	20.94	4.27	: 4			
.03	1.05	.83	.67	.46	.02	13.72	4.60	18.32	16.51	9.41	: 5			
.03	.60	.85	.29	.50	.03	13.01	4.89	17.89	16.09	8.24	: 6			
.03	.60	1.10	.42	.44	.03	13.39	5.00	18.38	17.25	9.16	: 7			
.03	.60	.80	.42	.41	.03	12.97	4.88	17.84	16.80	8.83	: 8			
.01	---	---	1.43	---	---	11.59	1.20	12.79	10.95	3.39	: 9			
.01	---	---	1.50	---	---	14.00	1.27	15.27	11.78	3.78	:10			
.01	---	---	1.35	---	---	12.43	1.46	13.89	11.91	3.37	:11			
.01	---	---	1.35	---	---	12.03	1.47	13.50	11.51	3.37	:12			
---	---	---	---	---	---	10.49	.28	10.78	10.78	3.50	:13			
---	---	---	---	---	---	10.01	.33	10.33	10.33	3.41	:14			
---	---	---	---	---	---	10.37	.32	10.70	10.70	2.43	:15			
---	---	---	---	---	---	10.63	.34	10.97	10.97	2.43	:16			

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production					
	:	:	:	:	:	:				
	:1978/79 :1979/80 : proj.	:1980/81 : :1980/81 proj.	:1978/79 :1979/80 : proj.	:1978/79 :1979/80 : Oct. : Nov.	:1978/79 :1979/80 : Oct. : Nov.	:1978/79 :1979/80 : Oct. : Nov.				
	---Million hectares---		Kilograms per hectare		---Million 480-pound bales---					
United States	5.0	5.2	5.3	472	614	458	10.9	14.6	11.6	11.2
USSR	3.0	3.1	3.1	878	925	955	12.3	13.1	13.5	13.8
Centrally Planned Asia										
PRC	4.7	4.5	4.8	461	491	476	9.9	10.1	10.3	10.5
South Asia										
India	8.0	8.1	8.1	171	163	168	6.3	6.1	6.2	6.3
Pakistan	1.9	2.0	2.0	244	366	365	2.1	3.4	3.4	3.4
Middle East and Africa										
Egypt	.5	.5	.5	878	963	912	2.0	2.2	2.2	2.2
Sudan	.4	.4	.4	358	327	348	.6	.6	.6	.6
Turkey	.7	.6	.7	728	778	700	2.2	2.2	2.1	2.2
Latin America & Caribbean										
Argentina	.7	.6	.6	260	283	321	.8	.7	.8	.8
Brazil	2.0	2.0	2.0	295	286	295	2.7	2.6	2.7	2.7
Central America 2/	.4	.3	.3	843	909	943	1.6	1.1	1.2	1.2
Mexico	.3	.4	.4	964	865	913	1.5	1.5	1.5	1.5
Total above	27.5	27.7	28.1	418	460	436	52.9	58.4	56.1	56.3
Other countries & regions										
	4.6	4.6	4.8	344	347	333	7.2	7.3	7.4	7.4
World	32.1	32.2	33.0	408	444	421	60.1	65.6	63.5	63.7
World less United States	27.1	27.0	27.6	396	411	414	49.3	51.0	51.9	52.5
Major foreign ex- porters 3/	7.2	7.3	7.4	674	723	735	22.4	24.2	24.5	24.8

1/ Totals and averages based on unrounded data. 1979/80 estimates are preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF NOVEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between November Forecast & Final Estimate				
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years ^{2/} Below : Above Final : Final
	Million MT			(-----Million MT-----)			
<u>North America</u>							
Canada	16.8	3	2.1	-	- ^{1/}	1	4 1
United States	9.3	5	0.5	-	-	1	4 2
<u>Western Europe</u>	7.6	4	1.5	1	-	2	5 2
<u>Eastern Europe</u>	11.9	4	2.5	1	-	2	3 3
<u>Oceania</u>							
Australia	20.2	2	11.8	-	-	4	5 1
<u>South Asia</u>							
India	9.1	2	2.2	-	-	2	1 2
Pakistan	6.5	1					N/A N/A
<u>Centrally Planned Asia</u>							
China	9.5	4					N/A N/A
<u>USSR</u>	16.6	16	5.5	5	2	8	5 2
<u>Middle East and Africa</u>							
South Africa	16.7	-					N/A N/A
Turkey	9.3	1					N/A N/A
<u>Latin America & Caribbean</u>							
Argentina	22.5	2	9.3	1	1	2	5 2
Brazil	47.6	1					N/A N/A
<u>Total Above</u>			2.8	7	4	21	4 3
<u>Others</u>	6.4	3	3.7	2	-	5	6 1
<u>World Total</u>	5.6	21	1.8	7	4	22	4 2
<u>World Less U.S.</u>	7.2	23	2.2	7	2	21	4 2
<u>Major Competitors ^{3/}</u>	8.0	3	4.9	2	-	6	7 -

^{1/} Less than 500,000 tons

^{2/} May not add up to 7 if November estimate was the same as final

^{3/} Includes Canada, Australia, and Argentina

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:October 6, 1980

31/AR9

COARSE GRAINS: RELIABILITY OF NOVEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between November Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years ^{2/} Below : Above Final : Final	
		Million MT		(-----Million MT-----)				
<u>North America</u>								
Canada	9.8	2	3.8	1	-	1/ 2	4	3
United States	9.3	1/	1.6	3	1	6	3	3
<u>Western Europe</u>	6.7	6	1.1	1	-	2	5	1
<u>Eastern Europe</u>	4.9	3	2.7	2	-	3	6	-
<u>Oceania</u>								
Australia	19.2	1	11.5	1	1	1	2	4
<u>South Asia</u>								
India	9.6	3					N/A	N/A
<u>Centrally Planned Asia</u>								
China	4.1	3					N/A	N/A
<u>Near East & Other Asia</u>								
Thailand	19.2	-	2.1	-	-	-	1	1
<u>USSR</u>	18.2	16	3.4	3	1	8	5	2
<u>Middle East and Africa</u>								
South Africa	27.3	2	14.0	1	-	3	5	2
Turkey	15.2	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	20.0	3	19.7	3	1	6	4	3
Brazil	10.2	2	9.3	2	-	2	2	2
<u>Total Above</u>			0.5	4	1	9	5	1
<u>Others</u>	4.6	4	1.0	2	1	5	3	3
<u>World Total</u>	3.5	23	1.2	8	1	15	5	2
<u>World Less U.S.</u>	4.0	19	1.5	6	2	19	5	2
<u>Major Competitors ^{3/}</u>	5.8	4	4.5	3	1	4	2	5

1/ Less than 500,000 tons

2/ May not add to 7 if November estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7-year record is based upon absolute differences from final estimates.

FAS:CP:G&F:October 6, 1980

31/AR8

Cotton, rice (rough), and oilseeds production: 1980/81 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	--Mil. bales--			---Mil. MT---			---Mil. MT---		
U.S. <u>3/</u>	11.2	.4	3.8	6.6	.2	2.4	48.3	1.3	2.6
Canada	---	---	---	---	---	---	2.9 <u>2/</u>	.8	27.6
Western Europe:	---	---	---	1.6	.1	6.7	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR	13.2	.4	3.0	2.5	.1	7.7	5.4 <u>4/</u>	.8	14.8
Centrally									
Planned Asia:									
PRC	10.2	.9	8.8	143.4	3.2	3.0	---	---	---
South Asia									
Bangladesh	---	---	---	18.8	1.1	6.6	---	---	---
Burma	---	---	---	9.7	.6	7.2	---	---	---
India	6.1	.5	8.2	74.9	5.8	9.4	6.1 <u>5/</u>	.8	13.1
Pakistan	2.4	.5	20.8	4.9	.2	6.4	---	---	---
Near East &									
Other Asia									
Indonesia	---	---	---	26.1	1.1	5.7	---	---	---
Japan	---	---	---	15.1	1.1	7.0	---	---	---
South Korea	---	---	---	7.6	.5	8.6	---	---	---
Thailand	---	---	---	16.6	.8	6.0	---	---	---
Middle East									
and Africa									
Egypt	1.8	.2	11.1	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.5	.2	40.0	---	---	---	---	---	---
Turkey	2.4	.3	12.5	---	---	---	---	---	---
Latin America									
& Caribbean									
Argentina	1.0	.1	10.0	.4	.1	16.7	---	---	---
Brazil	2.4	.4	16.7	8.5	.8	11.6	15.5 <u>6/</u>	1.7	11.0
Mexico	1.4	.4	28.6	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.6	.1	20.0	---	---	---
Foreign	50.3	2.7	5.4	379.1	8.7	2.9	---	---	---
World	63.3	4.2	6.6	385.1	8.7	2.8	17.0	8.5	5.0 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1970/71-1979/80 for cotton and oilseeds and 1960/61-1979/80 for rice. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1980/81 production will total within 0.4 million bales or 3.0 percent of the trend projection of 13.2 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.

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